AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

- 1. (Currently Amended) A multimodal polyethylene polymer comprising a low molecular weight ethylene homo-polymer fraction and a high molecular weight ethylene copolymer fraction, wherein:
 - the low molecular weight fraction is present in an amount of 45 to 55%47 to 52% by weight;
 - the high molecular weight fraction is present in an amount of 45 to 55%48 to 53% by weight;
 - the multimodal polymer has a MFR₅ of greater than 0.10 g/10 min; and less than or equal to 0.22 g/10 min; and
 - the multimodal polymer has a density of greater than or equal to 952 kg/m³.
 - 2. (Cancelled).
- 3. (Previously Presented) A multimodal polyethylene polymer according to claim 1 wherein the polymer has a density of greater than or equal to 953 kg/m³.
- 4. (Previously Presented) A multimodal polyethylene polymer according to claim 1 wherein the polymer has a dynamic viscosity, at a shear stress of 2.7 kPa, of at least 300,000 Pa·s.
- 5. (Previously Presented) A multimodal polyethylene polymer according to claim 1 wherein the polymer has a shear thinning index of 70 or greater.

- 6. (Previously Presented) A multimodal polyethylene polymer according to claim 1 wherein the co-monomer of the high molecular weight ethylene copolymer is a C_6 to C_{12} alpha-olefin.
- 7. (Original) A multimodal polyethylene polymer according to claim 6 wherein the co-monomer is a C_8 to C_{10} alpha-olefin.
- 8. (Previously Presented) A multimodal polyethylene polymer according to claim 1, wherein the ethylene homo-polymer has a MFR $_2$ of about 300 to 2000 g/10 min.
 - 9. (Canceled).
 - 10. (Canceled).
- 11. (Previously Presented) In the method of forming a pipe or conduit from a polymeric material, the improvement comprising forming said pipe or conduit from the polymer composition of claim 1.
- 12. (Previously Presented) Pipe or conduit formed from the composition of claim 1.
- 13. (Previously Presented) A multimodal polyethylene polymer according to claim 2 wherein the polymer has a density of greater than or equal to 953 kg/m³.
- 14. (Previously Presented) A multimodal polyethylene polymer according to claim 2 wherein the polymer has a dynamic viscosity, at a shear stress of 2.7 kPa, of at least 300,000 Pa·s.
- 15. (Previously Presented) A multimodal polyethylene polymer according to claim 3 wherein the polymer has a dynamic viscosity, at a shear stress of 2.7 kPa, of at least 300,000 Pa·s.
- 16. (Previously Presented) A multimodal polyethylene polymer according to claim 2 wherein the polymer has a shear thinning index of 70 or greater.

- 17. (Previously Presented) A multimodal polyethylene polymer according to claim 3 wherein the polymer has a shear thinning index of 70 or greater.
- 18. (Previously Presented) A multimodal polyethylene polymer according to claim 4 wherein the polymer has a shear thinning index of 70 or greater.
- 19. (Previously Presented) A multimodal polyethylene polymer according to claim 1 wherein said shear thinning index is 100 or greater.
- 20. (Previously Presented) A multimodal polyethylene polymer according to claim 2 wherein the co-monomer of the high molecular weight ethylene copolymer is a C_6 to C_{12} alpha-olefin.
- 21. (Previously Presented) A multimodal polyethylene polymer according to claim 3 wherein the co-monomer of the high molecular weight ethylene copolymer is a C_6 to C_{12} alpha-olefin.
- 22. (Previously Presented) A multimodal polyethylene polymer according to claim 4 wherein the co-monomer of the high molecular weight ethylene copolymer is a C_6 to C_{12} alpha-olefin.

- 23. (Currently Amended) A multimodal polyethylene polymer comprising a low molecular weight ethylene homo-polymer fraction and a high molecular weight ethylene copolymer fraction, wherein:
 - (a) the low molecular weight fraction is present in an amount of 45 to 55%47 to 52% by weight, and has a weight average molecular weight of from about 5,000 to about 50,000 g/mol;
 - (b) the high molecular weight fraction is present in an amount of 45 to 55%48 to 53% by weight, and has a weight average molecular weight of from about 300,000 to 900,000 g/mol;
 - (c) the multimodal polymer has a MFR $_5$ of greater than 0.10 g/10 min and less than or equal to 0.22 g/10 min; and
 - (d) the multimodal polymer has a density of greater than or equal to $952 \, \text{kg/m}^3$.